11) Publication number:

0 224 236

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 86116303.8

22 Date of filing: 25.11.86

(a) Int. CI.4: CO8L 73/00 , CO8L 81/06 , CO8L 71/00 , CO8K 3/00 , CO8K 7/02

3 Priority: 29.11.85 JP 270431/85

Date of publication of application:03.06.87 Bulletin 87/23

Designated Contracting States:
 BE DE FR GB IT NL

Date of deferred publication of the search report: 15.03.89 Bulletin 89/11 7) Applicant: SUMITOMO CHEMICAL COMPANY, LIMITED 15 Kitahama 5-chome Higashi-ku Osaka-shi Osaka 541(JP)

Inventor: Saito, Teruo 637-52, Nomuracho Kusatsu-shi(JP) Inventor: Suzuki, Yasurou

9-2-1017 Yushudainishi Ichlhara-shi(JP) Inventor: Asai, Kuniaki 8-8, Tanigawacho Tondabayashi-shi(JP)

Representative: Vossius & Partner Siebertstrasse 4 P.O. Box 86 07 67 D-8000 München 86(DE)

(S) Thermoplastic resin composition with improved chemical resistance.

Described is a resin composition comprising
(I) 100 parts by weight of a resin composition
comprising 20 to 95% by weight of polyetherketone
and 80 to 5% by weight of aromatic polysulfone, the
melt viscosity of said polyetherketone at 400° C satisfying the following equation

 $00 \le Y \le 70 \times + 1000$

wherein x is the percentage by weight of said polyetherketone relative to the total amount of said polyetherketone and aromatic polysulfone; and the unit for y is poise, and

(2) 10 to 200 parts by weight of one or more fillers having an average fiber length or an average diameter of 5 µm or more.

EP (



EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT					EP 86116303.8
Category	Citation of document wi of rele	th indication, where app vant passages	ropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,A	PATENT ABSTRACT mined applicati 9, no. 71, Marc THE PATENT OFFI MENT page 20 C 272 * Kokai-no. (SUMITOMO)	ons, C fiel h 30, 1985 CE JAPANESE 59-202 256	d, vol.	1	C 08 L 73/00 C 08 L 81/06 C 08 L 71/00 C 08 K 3/00 C 08 K 7/02
					TECHNICAL FIELDS SEARCHED (Int. CI.4)
	The present search report has t	been drawn up for all cla	ims		
Place of search Date of completic VIENNA 15-12-			Examiner ZINN-ZINNENBURG		
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document			T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document		